

APPLICATION

For phased terminal unit installations. Enables system filling and flushing before the terminal unit is installed. Provision to flush the terminal unit upon installation. BSRIA BG29/21 compliant when fully installed and connected. Automatic system balancing and temperature control at the terminal unit with 100% authority.

In order for the PICV to function as intended, water must always be suitably treated, clean, free of debris and maintained as per the relevant water quality standards (VDI2035, BSRIA BG50 or equivalent).

SPECIFICATION

Static Pressure:	16 Bar
Working Temperature:	0°C to 120°C
Size Range:	DN15-20
Connections:	Standard female according to UNI ISO 7/1 (UNI EN 10226), UNI ISO 2281 on request

- Features:
- Space saving
 - Heating & cooling duties
 - 100% tested, supplied ready to fit
 - Removable PICV insert
 - Wide choice of connections
 - Easy selection based on flow rate
 - Floset Kits individually labelled to schedule & terminal unit

- Components First Fit:
- FlowCon 5-position flushing bypass, 80mm centres
 - FlowCon venturi metering station low to high flow rates (return)
 - 1/2" or 3/4" female threaded connections system side, 1/2" female threaded connections on FCU side
 - Blank caps
 - Optional: Strainer (flow)

- Components FCU Kit:
- FlowCon Green PICV fitted with combined P/T Plug and drain (return)
 - Flow rates from 0.005 l/s to 0.736 l/s
 - FlowCon self-calibrating full stroke IP54 rated FNP.0.2 actuator, linear or characterised control
 - Thermal & electric actuators options, raise lower, feedback

- Material:
- Combined P/T plug and drain (flow)
 - All components are DZR brass
 - Elastomers: EPDM
 - Tee & strainers forged brass, gasket PTFE

PRODUCT CODES AND SELECTIONS

Product Codes		Metering Station [Kvs]	PICV Options
FIRST FIT KIT	FCU KIT		
FSK.FF.12.0.15-1R.12	FSK.FCU.3.EQ0 FSK.FCU.3.0	MS.15-1 [0.263]	GreEQ.0 Green.0
FSK.FF.12.0.15-2R.12	FSK.FCU.3.0	MS.15-2 [0.550]	Green.0
FSK.FF.12.0.15-1R.12	FSK.FCU.3.0	MS.15-3 [1.15]	Green.0
FSK.FF.12.0.15-3R.12	FSK.FCU.3.0 FSK.FCU.3.1 FSK.FCU.3.EQ1	MS.15-4 [2.80]	Green.0 Green.1 GreEQ.1
FSK.FF.12.0.15-4R.12	FSK.FCU.3.1 FSK.FCU.3.EQ1	MS.15-5 [5.40]	Green.1 GreEQ.1
FSK.FF.12.0.15-5R.12	FSK.FCU.3.1HF	MS.15-5 [5.40]	Green.1HF

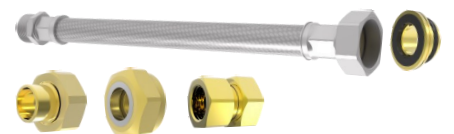
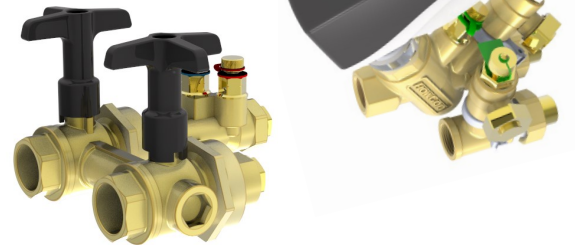
First Fit Kit: 0 = no strainer, 1 = plain strainer, 8-13 Strainer with tappings.
FCU Kit: 3 = Tee with Combined P/T Plug & Drain Valve. P/T Plug & Hose Union
Drain Valve options.

Flexible hoses and connections: Covered in separate data sheets.

FloSet® Kit

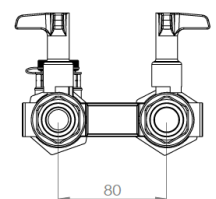
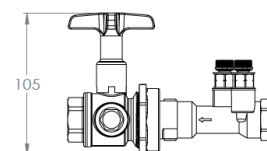
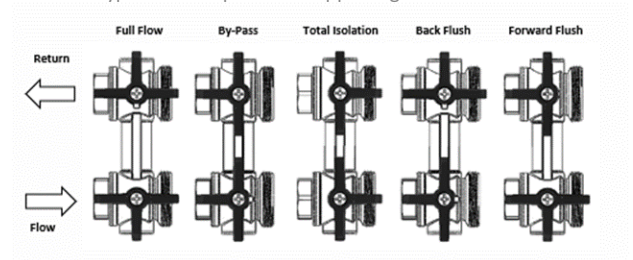
FCU Kit
Fits over a standard FCU drip tray

First Fit Kit
Remote system mounting

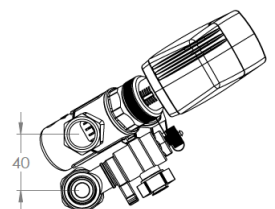
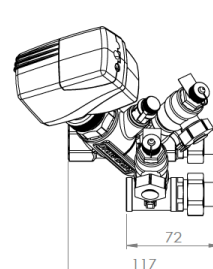
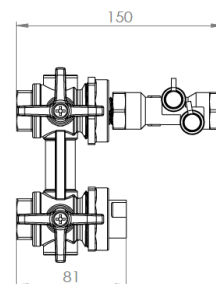


Terminal unit & system connections

FlowCon bypass handle positions supporting 5 functions



Dimensional Drawing
First Fit Kit



Dimensional Drawing
FCU Kit